

THREEPENCE



EVERY FRIDAY

EAGLE

3 KINE 1900 No. 8

DAN DARK

PILOT OF THE FUTURE



WE'RE ON FIRE AGAIN SIR.

WITH HIS REACTOR BRANK JET'S GOING AT FULL-BLAST, DAN'S ROCKET SHIP PLUNGES TOWARDS THE SURFACE OF VENUS.

THAT'S A MASTERPIECE OF UNDERSTATEMENT, OH— WE'LL JUST HAVE TO DISK JUMPING NOW— SINCE THAT FIRE REACHES THE GEL.

RIGHT SIR— HERE'S YOUR PG PROOL— WE WON'T BE ABLE TO TAKE MUCH ELSE!




JOHN BARNES



VENUS AT LAST! NO SHIP! NO RADIO! NO CLUES! NO NOW!



MAY I EVER JOINED THE SPACE FLEET, I'LL NEVER KNOW!

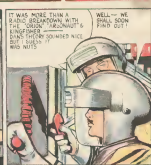
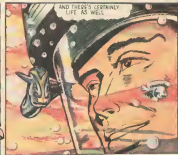


SO THIS IS VENUS — LOOKS RATHER HOT!



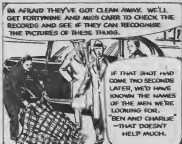
TIME TO GET RID OF THE CHUTE — THANK GOODNESS FOR THIS QUICK RELEASE!





The Adventures of P.C.49

series by ALAN STRAINES



CONTINUED

SETH AND SHORTY - COWBOYS

AFTER THEIR ESCAPE FROM THE INDIANS, LED BY THE 'RED SKIN' CHIEF, THE COWBOYS SET OUT FOR THE CATTLE ROUND-UP.



THE BOYS ARE ANNOYED ABOUT RED FOLK. WE FOUND THEM UP AND CORRAL FOR THE NIGHT.

THEN WE HAD A NIGHT'S REST I SUPPOSE.



THERE THEY ARE! THE BOYS ARE CIRCLING THE CATTLE THIS WAY SHORTY!



MIND THAT OLD BULL SHORTY!!



THAT'S A GOOD DAYS WORK SHORTY! GUESS THERE'S A GOOD WORTH OF BEEF.



I SHALL WANT YOU TWO BOYS TO MOUNT GUARD TO-NIGHT.



WHAT? MORE OF THOSE GUYS? DOGGONE! AFTER USING UP ALL RIGHT, THEN COTEN FIGHT INDIANS.



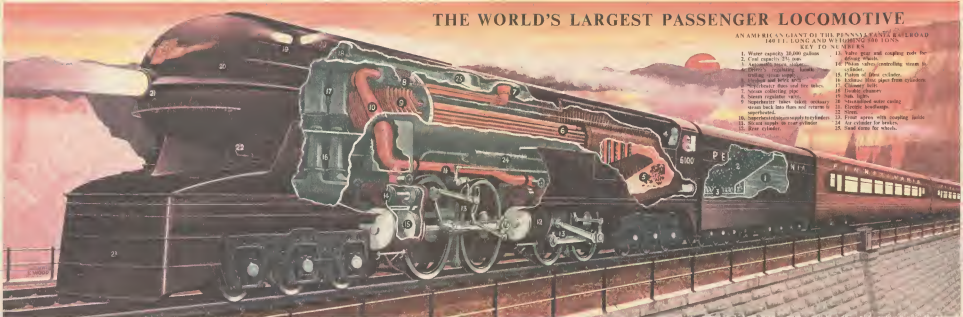
TO-MORROW SHORTY OUR TRAIL TAKES US THROUGH INDIAN COUNTRY. BETTER LOOK TO YOUR GUN!

THE WORLD'S LARGEST PASSENGER LOCOMOTIVE

AN AMERICAN GIANT OF THE PENNSYLVANIA RAILROAD
140 FT. LONG AND WEIGHING 105 TONS

KEY TO NUMBERS

1. Water capacity 10,000 gallons
2. Coal capacity 13½ tons
3. Automatic steam valve
4. Piston, connecting rods, and crank
5. Piston rod
6. Piston valve controlling steam to cylinders
7. Piston valve controlling steam to cylinders
8. Piston valve controlling steam to cylinders
9. Piston valve controlling steam to cylinders
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25. Piston valve controlling steam to cylinders



SKIPPY THE KANGAROO

BY DANET, DUBRISAY, GENESTRE

AN ANDRÉ BARRUT PRODUCTION



HEROES OF THE CLOUDS

LAST WEEK WE LEFT THE WRIGHT BROTHERS EXPERIMENTING WITH THEIR GLIDE. NOW WE WILL SEE HOW THEY BUILT AN ENGINE AND MADE THE WORLD'S FIRST AIRPLANE!

WILLIE
WRIGHT

ORVILLE
WRIGHT

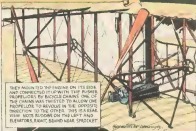


The Saga of Kill Devil Hill, 17th December 1903



WE HAD TO GET ON TOP OF THE ENGINE FIRST ABOUT ONE HUNDRED POUNDS TO ENTER TWENTY POUNDS OF WEIGHT!

WHEN THE WRIGHTS LOOKED AROUND FOR A SUITABLE ENGINE TO POWER THEIR GLIDE, THEY FOUND NONE SUFFICIENTLY LIGHT AND POWERFUL FOR THE PURPOSES - SO THEY BUILT THEIR OWN. THIS INVOLVED A TREMENDOUS JOINT OF ENGINEERING SKILL AND PERSEVERANCE FOR WHICH THEY DESERVE LASTING FAME.



THEY ADJUSTED THE ENGINE ON ITS BED AND CONNECTED IT WITH THE PULSES DRIVEN BY RATCHES CHAINING ONE OF THE CHAINS WAS TWISTED TO ALLOW ONE PROPELLER TO REVOLVE IN THE OPPOSITE DIRECTION TO THE OTHER. THIS IN A FEW YEARS' TIME BUDDED ON THE LEFT AND RIGHT HAND SIDE NEAR PROCKET.

Illustration of the launch rail.

Only Five Turned Up!

SO CONFIDENT WERE THE WRIGHTS IN SUCCESS THAT THEY SENT OUT MANY INVITATIONS TO WITNESS THE BIGGEST WIND SCOUT ON THE COAST. BUT ONLY FIVE PEOPLE TURNED UP! THE FIRST FLIGHT FROM FLIGHT AT KILL DEVIL HILL, WITNESSED BY THE AIRPLANE WAS IN PROGRESS. BUT SIGHTED ON A TROUBLED BURNING ALONG A COAST. TO ORVILLE WRIGHT GOES THE HONOUR OF THE FIRST FLIGHT.



CHARGE THE ENGINE IF YOU CAN SHE BATTERS SPEED WINDS!



SHE'S ALL YOURS ORVILLE! WATCH THAT RIGHT-HAND WING TIP!

AT THE END OF THE CRYSTAL BALL THE FLAMEY BURNER LEFT ITS TROUBLED AND HEADED INTO THE WIND.



THE WIND WAS QUITE STRONG - ABOUT 22 M.P.H. SO THE MACHINE ONLY MADE ONE FIFTH BEACHWAY IN RELATION TO THE BACKING. THE FLIGHT LASTED BUT 23 SECONDS. THREE GREAT FLIGHTS WERE MADE ON THE 17TH DECEMBER - THE LONGEST BEING OF 59 SECS. GIVING A DISTANCE OF 0.007 FT. THE WRIGHTS HAD SOLVED THE PROBLEM OF 1000 YARDS AND HADN'T UNDOING FAME. (NEXT WEEK: ORVILLE'S ACCIDENT, WINDS IN FRANCE.)

DISCOVERING THE COUNTRYSIDE

by John Dyke

TREES



ISN'T THIS LAND LOVELY NOW THE HAWTHORN IS IN FLOWER.

YES, INDEED, WHAT A SHOWER OF JOYSOM THERE IS THIS YEAR - BUREAU FOOD FOR THE BIRDS IN THE WINTER.

IN EVERY FLOWER THERE IS A SEED BOX BENEATH THE PINK STIPED STAMENS, WHICH LATER CHANGE TO THE SEEDS WE KNOW AS FRUIT.



LOOK, M. DYKE - THERE'S A FINE SILVER BIRCH!

I THINK THIS IS ONE OF OUR LOVELIEST TREES - SEE THE DIFFERENT CAPSULES ON THE BRANCHES - THE LARGER HANGING ONES ARE MALE & THE SMALLER ERECT ONES THE FEMALE. AFTER POLLINATION THESE CAPSULES ENLARGE AND PRODUCE THE LITTLE HANGING SEEDS WE SEE ON THE GROUND IN THE AUTUMN.



NOW HERE'S OUR FRIEND THE HORSE-CHESNUT IN FLOWER - PLUNTY OF CANDLES TOO. THE LOWEST BRANCHES ON THE TWIGGARD CONTAIN THE SEED BOXES AND AFTER POLLINATION, SOME OF THESE BECOME GREEN PRICKLY BALLS AFTER OPENING, THE FRUIT SULTS OPEN AND RELEASES THE SHINING RED - DOWNY CORNUS. YOU KNOW SO WELL, BY THE WAY, THE NAME HORSE-CHESNUT WAS ORIGINALLY 'COARSE' CHESNUT - PROBABLY DUE TO SHOW THE DIFFERENCE FROM THE SWEET-CHESNUT TREE WHICH PRODUCES THE NUT WE LIKE TO ROAST - I SAY.

BUD

LEAVES UNFURLING

FLOWER

SEED

EAGLE CLUB

AND EDITOR'S PAGE

2 June 1958

The Editor's Office
EAGLE

43 Shoe Lane, London, E.C.4

WE have had a great many letters from parents, teachers, club leaders, etc., suggesting the name of a boy or girl who they think qualified to become a **WING**. We should like to thank them for these letters and to say that we shall be replying to each one in due course. The letters make very interesting reading and we have been greatly expressed to learn of all the fine actions that have been done - or are being done.

We are very anxious to elect these **WING** straight away - but we can't do that, for several reasons. In the first place, we want to keep a very high standard for the **WING** Badge. If it is given too easily it won't be the really valuable award we want it to be.

Secondly, every case suggested to us, which we think is at all likely to deserve a **WING** Badge, has to be personally investigated, to make sure there is no mistake.

And thirdly, a good many people haven't yet got quite clear what a **WING** really is. We certainly take off our hat to almost all those whose actions have been reported to us, but many of these are not really actions which make a **WING**.

Remember the test by which you can tell a **WING**. It is something of such a kind that the other sort of person - the **WING** - could, if he knew about it, put it into action and say "You are a **WING**!" fancy winning your time doing a thing like that?"

That is to say, it is something you wouldn't do if you thought only of yourself and what you would get out of it. It is not something which, if you had any sense, you would do in any case. For example, if you had your own house on fire and go for the fire brigade, or if you find a burglar getting in through your kitchen window and try to stop him, that is not being a **WING**. Of course, anyone would do that - because it's your own house. But if you spend a lot of time and trouble (and perhaps take a big risk) in helping someone else out of a jam, that is being a **WING**. Because you wouldn't have done that if it didn't help you. But don't get us wrong - when we say you

have to do something special we do not mean only acts of heroism and bravery - or acts which call for great physical strength. We have heard of a boy who said, "I can never become a **WING**. I've done nothing special" - by which he meant he had never saved someone from a burning house or anything like that. But he had in fact done something to deserve the award. He had quietly helped someone out of a difficulty at great loss to himself! You don't necessarily have to do something spectacular and sensational and get your name in all the papers. Probably many people will be surprised when they hear that we have been awarded a **WING**'s Boy.

So you don't need to go out of your way to find something very heroic to do. The boy we know of thought that the only way to become a **WING** was by strong someone from drowning! So every evening he has been rushing down to the river near where he lives in the hope of finding someone who has fallen in - so that he can pull him out! That's not the idea at all. We shall have members pulling each other in rivers all over the place before long.

So, if you haven't yet heard anything from us about whether or not you've received a **WING**, that doesn't mean you won't hear something.

And now here is another famous motto of SERVICE. Mottos. He didn't (as far as we know) save anyone from drowning by pulling them out of the sea or the river. But he has certainly saved a great many people's lives by his discoveries and inventions. People said he was crazy to think that messages could be sent to the other side of the world by "wireless". They kept trying to get him to stop wasting his time, as they thought. But he decided to be a **WING** and kept on with his efforts and he succeeded - in giving us radio.

Yours sincerely,

THE EDITOR



COMPETITION CORNER

There are prizes for all the competitors upon this week. A **100th National Savings Certificate** will be awarded to the holder of the first correct solution of each competition opened on June 7th (except box 2, where the prize will go to the best drawing received). You can send all your entries in one envelope, but please put your answer to each competition on a separate piece of paper and put your name and address and Club number on each. Address to Competitors, EAGLE, 4 New Street Square, London, E.C.4



1. **CAN YOU FIND** what picture these shapes make? Trace the patterns on to paper, paste one to a postcard, cut out, and then fit them together to make the picture.

2. **CARTOONS WANTED:** To exercise your imagination and your ability we would like you to draw two cartoons illustrating the experiences

1. A BLACK LODGE
2. A BROWN JUMPER

3. **THE NOISES THEY MAKE:** You know that bulls bellow and monkeys chatter, but do you know the noises made by the following: (a) nightingales, (b) herons, (c) crickets, (d) grasshoppers, (e) canaries, (f) chaffinches, (g) falcons, (h) swans, (i) hares, (j) lions.

4. **TO MAKE YOU THINK:** There were three fish in three barrels of oil, one-half to the first, one-third to the second and one-fourth to the third. The difficulty was easily solved, but how?

5. **DO YOU KNOW:** (a) an animal that lays an egg, (b) an animal that has no tail, (c) a bird that has no wings, (d) an animal that flies in the air, (e) a fish that makes a noise, (f) an animal that has no legs.

6. **NINE ANDS IN A ROW:** Make up a sentence containing the word "and" nine times in succession. The sentence must make sense.

The winner of the **TRADES AND OCCUPATIONS PICTURE PUZZLE** is the star of 3rd May is W. David Pringle, West Hampstead, Devon, Capshere, Shrewsbury. A prize of 100 is being sent to him. The correct solution was: Merchant, Clerk, Janitor, Jacker, Dentist, Actor, Builder, Dragger, Servant, Soldier.

CAPTAIN PUGWASH



CAPTAIN PUGWASH AND HIS CREW HAVE SAVED THE SHIP COMPANY... & LIFE RETURNING TO NORMAL AFTER THE BLACK PLAGUE...



CRICKET COACHING BY LEARIE CONSTANTINE

THIS WEEK. THROWING IN - FOR ACCURACY



TO HIT STUMPS
SIGHT BALL WITH RIGHT EYE
AND THROW ALONGSIDE THAT EYE.

BODY
POISED



ARM
HIGH



SIGHTING
THE BALL
WITH -



- THE
RIGHT
EYE



NEXT WEEK:
THROWING
IN
FAST

LIKE
THIS

DO NOT GET OVER CAUTIOUS -
KEEP OBVIOUSLY

ADVERTISER'S ANNOUNCEMENT

On the
scent...



...the
best you
can get

Wilkinson's
LIQUORICE ALL-SORTS

WILKINSON & CO LTD, PORTFRACT, YORKSHIRE

The Book that makes every walk an

ADVENTURE

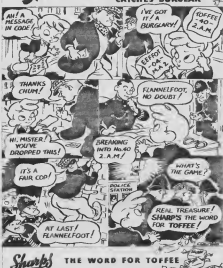


HUNT the wild flower and keep it beautiful and colourful for ever! This new book brings an exciting hobby up-to-date. How, where and when to find 32 attractive, common wild flowers, and how to press them and mount them, told in 34 illustrated pages by S. Francis Blackwell. A full colour portrait of each flower makes naming them easy and a special drawing paper section in the book gives you the means to press your specimens as soon as you get home. Join your "Treasure Hunt" today - begin a collection that will make every outing an adventure and every day an evening a pleasure. 18s from all booksellers or if you difficulty, 17s post free from

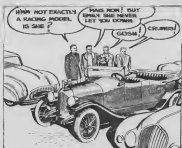
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THE SHARP BOY CATCHES BURGLAR



ROB CONWAY IN SEARCH OF A SECRET CITY



WALL'S
ICE CREAM

Presents

TOMMY WALLS

The Wonder Boy



THE GREAT ADVENTURER



CONTINUED